

<p>2000-401095/35 A97 D25 E19 (A25) HENK 1998.11.25 HENKEL KGAA *DE 19854267-A1 1998.11.25 1998-1054267(+1998DE-1054267) (2000.05.31) C11D 1/83 Encapsulated active substance for manual cleaning of hard surfaces, useful as all-purpose detergent and washing up, consists of water-soluble or dispersible capsule containing anhydrous surfactant in liquid polymer C2000-121459 Addnl. Data: JONKE H, GIESEN B, POETHKOW D, DITZE A, ZAIKA D</p>	<p>A(5-H1B, 12-W5, 12-W12A, 12-W12B) D(11-A1B1, 11-A1B2, 11-A3A1, 11-A3A3, 11-A7, 11-B6, 11-D1B, 11-D7) E(10-E4H, 10-E4J, 10-E4L1, 10-E4L2, 10-E4L3, 10-E4L4, 10-E4M3, 10-E4M4) carbon (C) (ether) alcohol(s) with 1 or 2 primary, secondary or tertiary hydroxyl (OH) groups and optionally oxygen atom(s) (-O-) in the C skeleton.</p>
<p>NOVELTY - Encapsulated active substance for manual cleaning of hard surfaces comprises: (A) an anhydrous active substance containing surfactant(s) and liquid polymer vehicle(s) and (B) a water-soluble or -dispersible shell. (A) contains: (i) less than 25 wt.% liquid polymer, (ii) contains linear or branched, (a)cyclic (un)saturated 1-10 carbon (ether) alcohol(s) with 1 or 2 hydroxyl groups and/or (iii) is free from glycerol.</p> <p><u>DETAILED DESCRIPTION</u> (ii) Contains linear or branched, (a)cyclic (un)saturated 1-10</p>	<p><u>USE</u> The substance is used as manual cleaner for hard surfaces and in a method of cleaning hard surfaces with an aqueous liquid in which the substance is dissolved or dispersed, preferably in an amount of 1-5 capsules in 0.1-10 l water (all claimed).</p> <p><u>ADVANTAGE</u> Conventional cleaners are usually formulated as fluid to viscous aqueous liquids but the relatively high water content is illogical in terms of economy and ecology. More concentrated liquid still contain a high fraction of water and tend to be over-dosed by the consumer. However, the consumer must handle dosing aids if solids are used, giving the risk of skin contact with irritants. The capsules, which</p> <p>DE 19854267-A+</p>

<p>contain highly concentrated anhydrous detergent, are easy and safe to use. The active substances have high cleaning power, whilst adding the liquid polymer increases the storage stability. Adding a suitable alcohol increases the cleaning power. (9pp0016DwgNo.0/0)</p>	<p>DE 19854267-A</p>
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